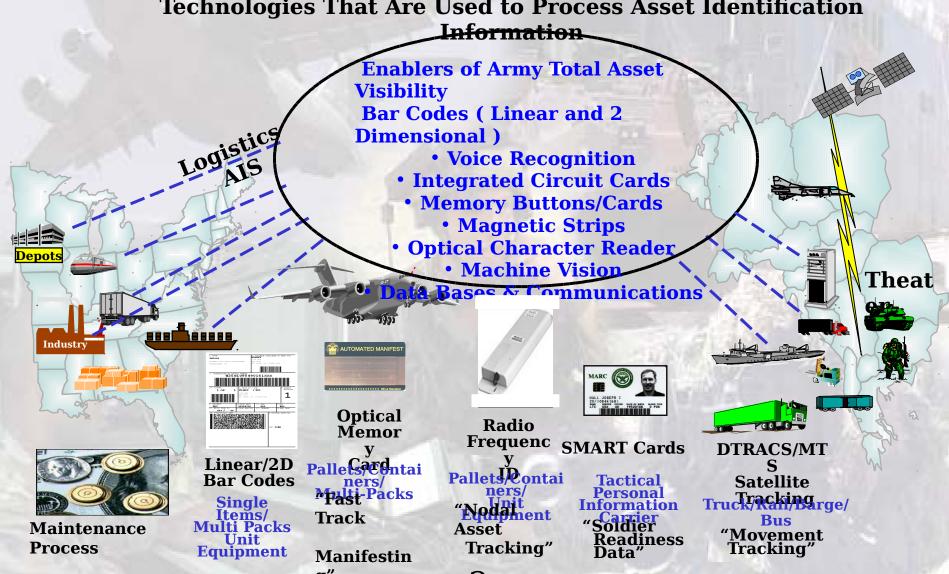
United States Army Logistics Integration Agency



What is Automatic Identification Technology?

A Suite of Tools for Facilitating Data Capture, Aggregation, Transfer, and Transmission. Its Includes a Variety of Read/write Data Storage Technologies That Are Used to Process Asset Identification





Why AIT...

Benefits

- Allows Visibility of Resources Anywhere in the Intransit Pipeline
- Enables Source Data Automation to Be a Reality
- Increases Data Accuracy, Validity, and Synchronization
- Provides "In the Box" Visibility
- Makes Opportunities for Real Business Process Improvements
- Permits the Creation of Auditable, Paperless, and Seamless

Information Systems

- Reduces Paperwork
- Supporting Doctrine/Policy
 - Joint Vision 2010/2020
 - DoD Implementation Plan for AIT



Sensitive Item Marking

Background

- Army & Navy SEALS PoP Initiative Naval Supply Systems Command and LIA Provided Funding
- Joint Kick-off Meeting 3 Oct 00
 - Tighter Security to Safeguard Weapons and Sensitive Assets
 - Approximately 3,500 Items Will Be Marked With MacSema Micro-Contact Memory Buttons; Symbol Technologies 2740 Read-Write Interface Devices Will Be Used
 - Smart Card Will Be Used for Access to Individual Arms Rooms, Not for Item Issue
 - RF-based System for Real-time Functionality
- Proof-of-Principle to Be Completed in FY 01, Will Provide Baseline From Which to Craft Army Solution for Digitizing Arms Room
- Navy AIT Support Facility Doing (St Inigoes, MD) Is Leading Development



AIT Sensitive Item Marking

Objectives

- Improve the Inventory Control & Management of Small
 Arms and Other Sensitive Items
- Ensure Full Accountability and Inventory Accuracy of Sensitive Items
- Eliminate Paperwork and Supporting Total Asset Visibility of Sensitive Items
- Improve DoD Critical Asset Security by Using Advanced

Smart Card Technology



Marking Marking

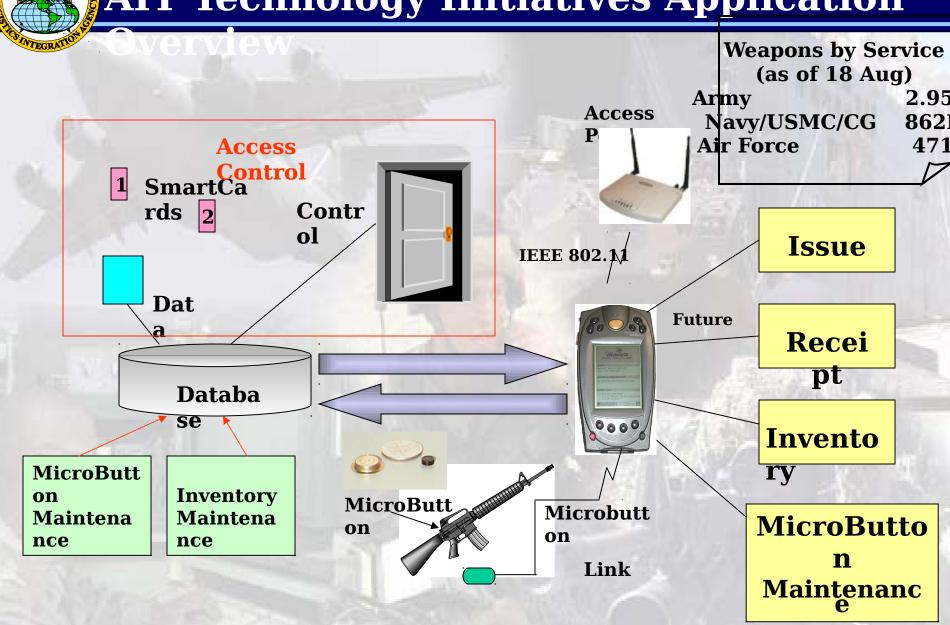
Arms Room Concept

Effect Paperless Arms Room Operations . . .

- Use Automatic Identification Technologies to Mark Weapons
 - Ensures Serial Number Accuracy (Contact Memory Button Placed on Accountable Portion of the Weapon)
 - Automates Inventories Eliminates "Stubby Pencil" Methods
- Use "Smart Card" (Eventually the Common Access Card) to Issue Weapons From Arms Rooms
 - Limit and Record Time/date Access to Arms Room (Current PoP)
 - Authorized Weapons Written to Soldier's Card or DBA.
 - Date-Time-Weapon Issued Written to Card or DBA
 - Weapons Turn-in Removes Issue Data From Card or DBA
 - Issues/Turns-in History Resident on Arms Room Database



AIT Technology Initiatives Application





Summary

- AIT Is Proven Technology
- Sensitive Item Marking Can Improve Current Processes
- Joint Concept Testing Will Begin 4Q 01
- DoD Is Pursing AIT To Meet Future Requirements



Proposed CAC Application

Data

Joint Weapons Issuance

Element	Description (DoN SCO)	Domain	Format
Stock Number	A 13-digit stock number consisting of 4-digit Federal Supply Classification code (FSCM) and the 9-digit National Item Idnetification Number (NIIN). The NIIN consists of a 2-digit National Codification Bureau number designating the central cataloging offic	displayed as: nnnn-nn- nnn-nnnn (omit hypens when submitting to card)	
Serial Number	Serial Number of weapon issued	free text	
Weapon Status	Status of the weapon	Assigned, Approved, Issued, Recovered	X
Status Changed Date	Date the status was most recently updated	any valid date	ccyy/mm/dd
Pre Fire Inspection Date	Most recent date a pre-fire inspection was completed for weapon issued	any valid date	ccyy/mm/dd

332 Byte Total Application

Cage Code? Nomenclature (optional)

Part Number or NIIN? Weapon Issue?

Multiple